Dear Members of the Public Health Committee;

I urge you to oppose removing the religious exemption to vaccination as it is discriminatory, unconstitutional, and frankly, dangerous. Please see my reasons enumerated below:

1. My child's body is sacred.

Just as the government has no right to touch my body, the government cannot and should never claim rights over my child's body.

2. Vaccines contain toxicants that are harmful to the human organism.

In addition to toxic adjuvants, vaccines contain aborted fetal tissue, live attenuated viruses, recombinant viruses, potentially allergenic substances including soy, casein, gelatin, yeast proteins and chicken egg, chemicals including polysorbate 80 (a known carcinogen and modified neurotoxin), sorbitol, formaldehyde, bovine and porcine materials, human cell strains, animal cell strains and GMOs.

3. Vaccines contain aluminum and mercury, both known neurotoxins.

Mercury is considered the most toxic heavy metal in our environment and is among the top ten chemicals classified as a major public health concern by the World Health Organization. The human body has no biological need for either mercury, or aluminum. On the contrary, both aluminum and mercury are known to cause cell death and to block critical enzyme reactions. As such, the science is clear that there is no safe level of exposure, especially for children.[1]Toxicants like aluminum and mercury collect our tissues over a lifetime – the cumulative nature of this exposure begins in utero, where it has been estimated that the fetus is exposed to an average of 287 chemicals, 217 of which are toxic to the brain and nervous system. Among the neurotoxic chemicals found in cord blood are aluminum, and both ethyl and methylmercury. Did you know that mercury binds to hemoglobin and has a high affinity for fetal hemoglobin?[2] As such mercury is found in higher concentrations in fetal cord blood than in maternal blood. But, this statistic is only half the story. Mercury never remains in the blood for long. Instead, metals like mercury and aluminum are lipophilic, meaning they have an affinity for fatty tissues. Given that the human brain is nearly 60% fat, it is not surprising that both mercury and aluminum bioaccumulate in the brain (think fetal brain after pregnant mom is inoculated with the flu vaccine). Moreover, there is a wide-spread campaign of disinformation surrounding the use of ethylmercury (Thimerosal) as opposed to methylmercury. Despite clear science to the contrary, pharmaceuticals, along with the FDA, falsely claim that ethylmercury in the form of Thimerosal is miraculously non-toxic to humans. Recent studies confirm the opposite: ethylmercury crosses the blood-brain barrier and bioaccumulates in the brain as readily as does methyl mercury.[3] Moreover, ethylmercury has been found to inhibit mitochondrial respiration in astrocytes, and to damage mitochondrial DNA.[4]

When it comes to the study of aluminum, scientists have known for years that aluminum is both neurotoxic, and that it bioaccumulates in the brain. Post-mortem brain tissue analyses have implicated aluminum in such neurological conditions as Alzheimer's, autism, multiple sclerosis and Parkinson's, to name a few.[5] Moreover, the combination of aluminum and glyphosate (the active chemical component found in the herbicide Roundup), work synergistically to create neurological damage, specifically through the calcification of the pineal gland.[6] Likewise, when combined, mercury and aluminum work synergistically to cause irreparable damage, increasing neuronal death by 60%.[7]

4. Health is not a one size fits all picture.

Did you know that in some populations, as many as 50% of individuals have a methylation defect, including the MTHFR mutation?[8] We need methylation to perform a host of important functions in the body from DNA synthesis and regulation, to myelination, to making serotonin and melatonin. One of the most important functions of methylation, however, is detoxification, and specifically the detoxification of heavy metals like aluminum and mercury.[9] When an individual's methylation status is compromised, so too is their ability to detoxify, rendering them at risk for the bioaccumulation of toxicants and all the downstream effects this toxic load is known to cause, including neurological inflammation, autism, immune dysfunction, learning disabilities, and cancer to name just a few.

As the mother of a vaccine injured child, and a practitioner who works with chronically ill children, I can say with certainty that health care must be an individualized enterprise. What is good for one is NOT good for all. It has been shown that there is a significant correlation between MTHFR gene polymorphisms C677T and A1298C, and autism.[10] Given that newborns receiving standard inoculations are exposed to 17 times more aluminum than FDA recommendations on the first day of life, [11] and that nearly 50% of these infants have genetic polymorphisms that put them at risk for chronic conditions like autism due to impaired detoxification pathways, it is criminal not to account for genetic variations when deciding who is eligible for vaccination, and at what age.

Thank you for your time and consideration. Please feel free to contact me if you have any questions about the information provided herein.

Lauren Lee Stone, PhD, MS, HHP

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[1] S. Bose-O'Reilly, MD, MPH; K. M. McCarty, ScD, MPH et al. "Mercury Exposure and Children's Health" Current Problems in Pediatric Adolescent Health Care. 2010 Sep. 40 (8): 186 - 215 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3096006/ <https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.ncbi.nlm.nih.gov%2Fpmc%2Farticles%2FPMC3096006%2F&data=04%7C01%7Cphtestimony%40cga.ct.gov%7C6f8b794026384b71af0708d8d1e731b2%7C3ec76714b1b4418a883232c46ec84226%7C0%7C0%7C637490138189266576%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=sVCaIh3llaSmHBoJZTarn67%2Fi8AgEhcsQrLZVXaRw0Y%3D&reserved=0>

J. Lyons-Weiler, R. Ricketson "Reconsideration of the Immunotherapeutic Pediatric Safe Dose of Aluminum," Journal of Trace Elements in Medicine and Biology. Volume 48, July 2018 67-73

[2] Grandjean P, Budz-Jorgensen E, et al. "Umbilical cord Mercury Concentration as a Biomarker of Prenatal Exposure to Methylmercury" Environmental Health Perspectives. 2005 July 113 (7): 905-8.

[3] JK Kern, DA Geier, et al. "Examining the Evidence that Ethylmercury Crosses the Blood-brain Barrier." Environmental Toxicology Pharmacology. Feb 2020, 74: 103312 https://www.ncbi.nlm.nih.gov/pubmed/31841767 <https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.ncbi.nlm.nih.gov%2Fpubmed%2F31841767&data=04%7C01%7Cphtestimony%40cga.ct.gov%7C6f8b794026384b71af0708d8d1e731b2%7C3ec76714b1b4418a883232c46ec84226%7C0%7C0%7C637490138189266576%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=XLCTO0yGec9ZUbxYzb%2FNrZpsj6pYpOMHOwpPuv57Vjc%3D&reserved=0>

MA Sharpe, AD Livingston, et al. “Thimerosal- Derived Ethylmercury is a Mitochondrial Toxin in Human Astrocytes: Possible Role of Fenton Chemistry in the Oxidation of and Breakage of mtDNA” Journal of Toxicology. 2012: 373678

[4] MA Sharpe, AD Livingston, et al. “Thimerosal- Derived Ethylmercury is a Mitochondrial Toxin in Hyman Astrocytes: Possible Role of Fenton Chemistry in the Oxidation of and Breakage of mtDNA,” Journal of Toxicology. 2012: 373678.

[5] “Aluminum-containing antacids as a cause of idiopathic Parkinson’s Disease.” 1999 https://www.ncbi.nlm.nih.gov/pubmed/10499820 <https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.ncbi.nlm.nih.gov%2Fpubmed%2F10499820&data=04%7C01%7Cphtestimony%40cga.ct.gov%7C6f8b794026384b71af0708d8d1e731b2%7C3ec76714b1b4418a883232c46ec84226%7C0%7C0%7C637490138189276532%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=N9OW5hPMDBlG27HDGmBqKKJ9HI%2FLtU3K%2FPgVitwNTSM%3D&reserved=0>

Sofia Sanchez-Iglesias, etal “Brain oxidative stress and selective behavior of aluminum in specific areas of rat brain: potential effects in a 6-OHDA-induced model of Parkinson’s disease” J. Neurochem (2009) 109; 879-888

Mathew Mold et al. “Aluminum in Brain Tissue in Multiple Sclerosis,” International Journal Environmental Research and Public Health. 2018 August 15 (8): 17777

Mold, M, Umar D, King A, Exley C. “Aluminum in brain tissue in autism,” Journal of Trace Elements Medical Biology. 2018 Mar; 46: 76-82.

Exley, C., Mold, M.J. “Aluminum in human brain tissue: how much is too much?” J Biol Inorg Chem 24, 1279–1282 (2019). https://doi.org/10.1007/s00775-019-01710-0

[6] Senef, S., Swanson, N. .and Li, C. (2015) “Aluminum and Glyphosate Can Synergistically Induce Pineal Gland Pathology: Connection to Gut Dysbiosis and Neurological Disease,” Agricultural Sciences, 6, 42-70. http://dx.doi.org/10.4236/as.2015.61005

[7] B.E. Haley. “Mercury toxicity: Genetic Susceptibility and Synergistic Effects.” Medical Veritas 2 (2005) 535-542.

[8] Basic Information About the MTHFR Gene. www.genetics.kaiser.org <https://gcc02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.genetics.kaiser.org%2F&data=04%7C01%7Cphtestimony%40cga.ct.gov%7C6f8b794026384b71af0708d8d1e731b2%7C3ec76714b1b4418a883232c46ec84226%7C0%7C0%7C637490138189276532%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=d1y%2B%2Fm9zpMFWJuMQZKHn4vmZziU20zCO9gbfVW6fRl8%3D&reserved=0>

[9] “Methylation.” Journal of Hazardous Materials, 2014 Science Direct https://www.sciencedirect.com/topics/earth-and-planetary-sciences/methylation <https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.sciencedirect.com%2Ftopi

cs%2Fearth-and-planetary-sciences%2Fmethylation&data=04%7C01%7Cphtestimony%40cga.ct.gov%7C6f8b794026384b71af0708d8d1e731b2%7C3ec76714b1b4418a883232c46ec84226%7C0%7C0%7C637490138189276532%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=GoXkaUd%2BoklK8D1ZWuECXgI9vALaPJ%2FJfXxDgCEEbf8%3D&reserved=0>

[10] F. El-baz et all. “Study of the C677T and 1298AC Polymorphic Genotypes of MTHFR Gene in Autism Spectrum Disorder.” Electronic Physician, 2017 September; 9(9): 5287 – 5293. Study of the C677T and 1298AC polymorphic genotypes of MTHFR Gene in autism spectrum disorder <https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.ncbi.nlm.nih.gov%2Fpmc%2Farticles%2FPMC5633227%2F&data=04%7C01%7Cphtestimony%40cga.ct.gov%7C6f8b794026384b71af0708d8d1e731b2%7C3ec76714b1b4418a883232c46ec84226%7C0%7C0%7C637490138189286486%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=JFwI5H%2BHZuQh3TbeNpP9muXdbzo5gpsoiGY8rkI%2Fcl4%3D&reserved=0>

<https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.ncbi.nlm.nih.gov%2Fpmc%2Farticles%2FPMC5633227%2F&data=04%7C01%7Cphtestimony%40cga.ct.gov%7C6f8b794026384b71af0708d8d1e731b2%7C3ec76714b1b4418a883232c46ec84226%7C0%7C0%7C637490138189286486%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=JFwI5H%2BHZuQh3TbeNpP9muXdbzo5gpsoiGY8rkI%2Fcl4%3D&reserved=0>

Study of the C677T and 1298AC polymorphic genotypes of MTHFR Gene in aut...

Autism is currently known as “a behaviorally defined syndrome” manifested as impairment in social communication,...

[11] J Lyons-Weller and R. Rickertson. “Reconsideration of the Immunotherapeutic Pediatric Safe Dose Levels of Aluminum.” Journal of Trace Elements in Medicine and Biology. Volume 48, July 2018. 67-73.

Lauren Lee Stone, PhD

203-563-6168

Author; Everyday Immunity: A Wellness Primer
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